

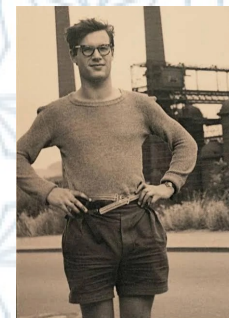
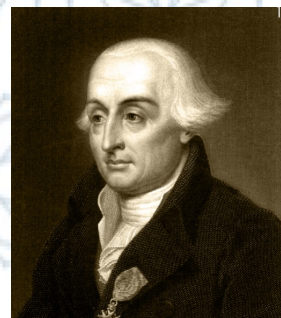
Colóquio do CMAT

Lagrange, Grothendieck and Claude

In 1962, Grothendieck asked whether Lagrange's theorem for finite groups also holds for group schemes. The answer was widely expected to be affirmative. In July 2026, the large language model Claude produced a counterexample. The only prerequisite for this colloquium talk is the notion of a group.

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